

US009681165B1

(12) United States Patent Gupta et al.

(54) METHODS AND SYSTEMS FOR ENHANCING MEDIA VIEWING EXPERIENCES ON MULTIPLE DEVICES

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(*) Notice: Subject to any disclaimer, the term of this

patent is extended or adjusted under 35

U.S.C. 154(b) by 0 days.

(21) Appl. No.: 15/095,868

(22) Filed: Apr. 11, 2016

(51) **Int. Cl.** H04N 7/16 (2011.01)H04N 7/173 (2011.01)H04N 21/254 (2011.01)H04N 21/41 (2011.01)H04N 21/488 (2011.01)H04N 21/84 (2011.01)H04N 21/442 (2011.01)H04N 21/4627 (2011.01)H04N 21/258 (2011.01)H04N 21/45 (2011.01)

(52) U.S. Cl.

CPC ... H04N 21/2541 (2013.01); H04N 21/25891 (2013.01); H04N 21/4122 (2013.01); H04N 21/44222 (2013.01); H04N 21/4532 (2013.01); H04N 21/4627 (2013.01); H04N 21/4882 (2013.01); H04N 21/84 (2013.01)

(10) Patent No.: US 9,681,165 B1

(45) **Date of Patent:** Jun. 13, 2017

(58) Field of Classification Search

None

See application file for complete search history.

(56) References Cited

U.S. PATENT DOCUMENTS

6,757,906	B1*	6/2004	Look G11B 27/034
			348/E5.103
8,881,193	B2*	11/2014	Gorbatov H04N 7/088
			725/139
2004/0034873	A1*	2/2004	Zenoni H04N 7/17318
			725/135
2005/0036547	A1*	2/2005	Vetro H04N 21/21805
			375/240.12
2007/0033617	A1*	2/2007	Bloebaum H04N 5/76
			725/58
2007/0092204	A1*	4/2007	Wagner H04N 5/782
			386/241
2007/0196076	A1*	8/2007	Jeong H04N 5/775
			386/291
2009/0150553	A1*	6/2009	Collart G06F 17/30017
			709/229
2011/0181496	A1*	7/2011	Lanier G06Q 20/102
			345/2.2
2015/0070587	A1*	3/2015	Emeott H04N 21/4316
			348/589

(Continued)

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(57) ABSTRACT

Methods and systems are described for a media guidance application that enhances the viewing experiences of users consuming media having important content. If a user is prevented from viewing media having important content that will be displayed eminently, the media having the important content may be displayed on a second device. For example, in this manner, a user will not inadvertently miss content from a movie or sports game right before an important scene in the movie or an important play in the sports game is displayed.

20 Claims, 16 Drawing Sheets

